Index of Claims



Application No.

10/080,581

Examiner

Applicant(s)

TSURUNO ET AL.

Art Unit

Shawntina T. Fuqua

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3742

✓ Rejected
= Allowed

- (Through numeral) Cancelled

Restricted

Non-Elected

Interference

A Appeal

O Objected

| Claim             | Claim Date |              |         |            |    |              |                 | 973             | Claim  |              |          | Date            |          |   |                 |          |               | C        | laim         | Date     |            |               |          |              |              |          |          |   |   |
|-------------------|------------|--------------|---------|------------|----|--------------|-----------------|-----------------|--|--------------|----------|-----------------|----------|---|-----------------|----------|---------------|----------|--------------|----------|------------|---------------|----------|--------------|--------------|----------|----------|---|---|
|                   | 17         | 11           | T       | T          | Ť  | Ť            | П               | $\Box$          | 17   |              |          |                 |          | T   |                 | Т        | $\neg \Gamma$ | T        | H            |          | T T        | Т             |          | Т            | Ī            | П        | $\Box$   | $\top$  | _ |
| Final<br>Original | 1          | 3 9          |         |            |    |              |                 |                 | 2.07<br>2.07<br>2.07<br>2.07<br>2.07<br>2.07<br>2.07<br>2.07 | Final        | Original |                 |          |   |                 |          | :             |          | KYW          | Final    | Original   |               |          |              |              |          |          |   |   |
| (1)               | . I        | 1            | $\perp$ | $\perp$    | -  | ┼            | -               | $\dashv$        |  |              | 51       | $\vdash \vdash$ |          |   |                 |          |               | -        | M            |          | 101        | $\dashv$      | -        | ┼-           | -            | _        | _        | -   |   |
|                   |            | 0            | ╀╌      | +-         | +- | +-           | -1              | -               | 45   | -            | 52       | ╁╌┤             |          | ╌   | ╁╾┼             | +        | -             | +        |              | _        | 102        | $\vdash$      | +        | ┼            | ├            | -        |          | -+  |   |
| $\frac{2}{2}$     | 17         | 1            | ╀╌      | ╁          | ╀  |              | ╌               | -               | - B  | -            | 53       | ⊢               | +        | +-  | 1               | -        |               | ┼        | ruf.         |          | 103        | -             | -+-      | ╁╌           | ⊢            | Н        |          | +   | _ |
| 3                 | +#-        | #            | ╀       | +          | ╀  | +            | ┝               | -               | <b></b> 1:   |              |          | ╂╾╂             | +        | +-  | ↤               | +        |               | ╁        |              |          |            |               |          | ╁            | ╀            |          |          | $\dashv$  | _ |
| 4                 | ₩          | ₩            | ╀       | +-         | ╂  | ļ            | $\vdash$        | $\dashv$        | <u> </u> ``  | -            | 54       | $\vdash$        |          |   |                 | +        | -             | ┼        |              |          | 104        | -             |          | ┼            | ├-           | -        |          |   |   |
| 5                 | ₩          | Н            | ╀       | +-         | ╀  | ₩            | ↤               | -               | <b>-</b>  :  | }            | 55       | ╁╼┨             | +        | -   | ╌               | -        |               | ┼—       | i ()<br>Po   |          | 105        | -             |          | ┼            | ├-           | ┝        | -        | -+  | _ |
| 6                 | -11,       | 44,          | ╙       | -          | ┰  | +            | <del>  </del>   |                 | _  |              | 56       | ╌┤              |          | +   | ╌               | $\dashv$ |               | ┼        | ř,           |          | 106        |               |          | ┿            | ├-           | Н        | $\dashv$ |   | _ |
| 7                 | ¥          | Ā            | ╀       | ╀          | ╀  | +-           | -               | $\dashv$        | <b>-</b> 5   | ·            | 57       | ┦┈┦             |          | ┰   | ₩               | +        |               | ₩        |              |          | 107        | $\vdash$      |          | ╀            | ├            | Н        | $\dashv$ | $\dashv$  | _ |
| 8                 | 10         | D            | -       | ┿          | ┼  | -            | -1              | -+              |  |              | 58       | ⊢               | $\dashv$ | ╁   | ₩               | +        |               | ┼        | \$7          |          | 108        |               | - -      | -            | ├            | -        | $\dashv$ | -+  | - |
| 9                 | ╀          | ╀            | ╄       | +          | ╀  | +            | $\vdash$        | $\dashv$        | —[B  | <del> </del> | 59       | ┝               |          |   | ┦               | +        |               | ╁        |              |          | 109        | -             | -        | ╁            | ├            | Н        | $\dashv$ | $\dashv$  | _ |
| 10                | +          | +-           | +       | +-         | -  | +            | $\vdash \vdash$ | -+              |  |              | 60       | $\vdash \mid$   | -+-      | +-  | $\vdash \vdash$ | +        |               | ₩        |              | <u> </u> | 110        | +             | +        | +            | $\vdash$     | Н        | $\dashv$ | $\dashv$  | _ |
| 11                | +-         | -            | -       | +-         | -  | +-           | $\vdash \vdash$ | $\dashv$        | 4  | -            | 61       | $\vdash$        | -        | +   | $\vdash$        | $\dashv$ | +             | $\vdash$ | ğ.;;         | _        | 111        | +             | +        | +            | $\vdash$     | Н        | $\dashv$ | +   | _ |
| 12                | ╀          | +            | ╄       | +          | ╄  | +            | $\vdash \vdash$ | 4               | -12  | <b>—</b>     | 62       | ┞┈┤             |          |   |                 | -        | -             | ┼-       | £            | <u> </u> | 112        |               | -        | +            | ⊬            |          |          |   |   |
| 13                |            | +            | +       | +-         | ┼  | +-           | $\sqcup$        | -+              | 4  |              | 63       | ⊢               | $\dashv$ | +   | ┥               | -        | - -           | ┼        |              |          | 113        | -             | - -      | ╀            | ├-           | $\vdash$ |          | -   |   |
| 14                | +          | +            | ╀       | +          | ╀  | +            | $\vdash$        | $\dashv$        | -1:3   | —            | 64       | $\vdash \vdash$ | -        | -   |                 | -        |               | ┼        |              | <u> </u> | 114        |               |          | ╂            | <del> </del> | Н        |          | +   |   |
| 15                | +-         | 4-           | ├-      | +-         | ╂  | +-           | ┯               | -               | - :  | -            | 65       | ┝╌┤             |          | +   | $\vdash$        | +        |               | +        |              |          | 115        | $\dashv$      | +        | ╀            | $\vdash$     | Н        | $\dashv$ | +   | _ |
| 16                | +-         | ╁            | ╀       | +          | ╀  | +            | $\vdash$        | -               | -15  |              | 66<br>67 | $\vdash \vdash$ | $\dashv$ | +   | $\vdash$        | +        | +             | $\vdash$ | 147<br>177   | -        | 116<br>117 | $\vdash$      | +        | ╀            | -            |          |          | +   | _ |
| 17                | ╁          | +-           | ╁       | +-         | +- | -            | $\vdash$        | -               |  | -            |          | ╌┤              | -+       | +   | $\vdash$        | +        | +             | -        | 11           | -        |            | $\vdash$      | +        | +            | ⊢            | Н        | $\dashv$ | +   | _ |
| 18                | ╀          | +-           | ┾-      | +          | ┿  | <del> </del> | $\vdash$        | -               | -13  | ,            | 68       | ┨               |          | -   | ⊢               | -        |               | -        | À.           |          | 118        | $\rightarrow$ |          | ╀            | ╄            |          | -        |   | _ |
| 19                | ╀          | ╀            | ╀       | ╁          | ╀  | +            | $\vdash$        | $\dashv$        | -  | <del> </del> | 69       | ┦               |          |   | ╂┷┼             | +        |               |          |              |          | 119        |               |          | -            | ├            | -        |          | $\dashv$  |   |
| 20                | ╫          | ╀            | ╀       | ┿          | ╁┈ | +-           | -               | $\dashv$        | -{ં  | <del> </del> | 70       | $\vdash$        |          | ╫   |                 | -+       |               | ┼        |              |          | 120<br>121 | -+            |          | +            | ⊢            | $\vdash$ | $\dashv$ | +   | _ |
| 21                | ╀          | ╁╌           | ╀       | +          | ╁┈ | +            | $\vdash$        | +               | - :  | -            | 71<br>72 | ├─┤             |          | -   | ┨               |          |               | ╆        |              |          | 122        |               |          | ╁            | ╁            | H        | H        | $\dashv$  | _ |
| 23                | +-         | ╁            | ╁       | ╁          | ╁  | ╁            | $\vdash$        | $\dashv$        | -1:  | <del></del>  | 73       | $\vdash$        | +        | +   | $\vdash$        | +        | ┵             | ╆        |              |          | 123        | $\dashv$      | +        | ╫            | ├-           | -        | -        |   |   |
| 24                | +          | ╁            | ╁       | ╁          | ╂  | +            | $\vdash$        | $\dashv$        | -  | -            | 74       | -               |          | ╅   | ╁               | ┽        |               | ┿        |              |          | 124        | -             | ┰        | ╁            | ⊢            | $\vdash$ | $\dashv$ | -+  | - |
| 25                | ╁          | ╁            | ╁       | +          | ╀  | +            | $\vdash$        | $\dashv$        | <b>⊣</b> .∂  | $\vdash$     | 75       | ╢               |          |   | $\vdash$        | +        |               | ┼        | 43           |          | 125        | $\dashv$      |          | ╁╌           | -            | -        | -        | -+  |   |
| 26                | ╁          | ╁╌           | ╁╌      | +-         | ╂━ | ╁╾           | $\vdash$        | -+              | ⊣ઃ   | -            | 76       | $\vdash$        | +        | +   | $\vdash$        | +        | +             | +        | Ġ.           |          | 126        | $\vdash$      | +        | +            | ⊢            | $\vdash$ | $\dashv$ | -   | _ |
| 27                | +          | ╁╌           | ╁       | +          | ╁  | ╁╌           | Н               | $\dashv$        |  | -            | 77       | Н               | $\dashv$ | ╁   | ╁┯┼             | -        | ╅             | -        | 38.<br>1 .   |          | 127        | -             |          | +            | ╁            | Н        | -        | $\dashv$  | - |
| 28                | +-         | ╁            | ╁╴      | +          | 十  | ╁╌           | $\vdash$        | $\dashv$        | -10  | -            | 78       | Н               | -        | +-  | $\vdash$        | 十        | +             | +        |              |          | 128        | $\vdash$      | $\dashv$ | ╁            | -            | -        | -        | $\dashv$  | _ |
| 29                | ╅          | ╁╴           | ╁╌      | ╁          | ╁╴ | +            | ╁               | $\dashv$        | <b>-</b> 199   | -            | 79       | $\vdash$        | +        | ╅╌  | $\vdash$        | -        |               | +-       | 7.11<br>7.11 |          | 129        | $\vdash$      |          | +-           | -            | $\vdash$ | $\dashv$ | $\dashv$  | _ |
| 30                | +          | +            | t       | +          | 十  | ┿            | ╁╌┤             | +               | -1:  |              | 80       | $\vdash$        | $\dashv$ | +   | $\vdash$        | +        | +             | $\vdash$ | 4 2          |          | 130        | $\vdash$      | +        | 十            | $\vdash$     |          | -        | $\dashv$  | - |
| 31                | +          | +-           | ╁       | +-         | ╆  | ┪            | 1-1             | -               | -  |              | 81       | $\vdash$        | 十        | +   | Н               | 十        | +             | $\vdash$ |              | _        | 131        | $\vdash$      | +        | ╁            | 十            | Н        | $\dashv$ | $\dashv$  | _ |
| 32                | +-         | +-           | ╁╴      | ╁╴         | †- | +            | $\vdash$        |                 | ۳.   |              | 82       | $\vdash$        | -        |   | $\vdash$        | 7        | - -           | 1        | 90           |          | 132        |               | _        | ╁            | 1            | $\vdash$ |          | -   | - |
| 33                | +          | T            | t       | ╁╴         | +  | +            | $\Box$          | $\neg$          | ٦.   |              | 83       | Н               |          |   | $\vdash$        | -        | _             | 1        | 5.           |          | 133        |               | 1        | +            | 1            | Н        | $\neg$   | $\dashv$  | _ |
| 34                | +          | T            | T       | †          | 1- | T            | П               | _               |  |              | 84       | $\Box$          | $\dashv$ | _   | $\vdash$        | $\dashv$ | $\vdash$      | 1        | #E           |          | 134        |               | _        | †            | 1            | $\vdash$ |          | $\top$  | _ |
| 35                | +          | 1            | T       | +          | +  | †            | ⇈               | $\dashv$        |  |              | 85       | $\sqcap$        | $\neg$   | 1   | $\sqcap$        | $\dashv$ | 十             | T        | 15           |          | 135        | $\sqcap$      | $\top$   | $\top$       |              | $\vdash$ | $\neg$   | $\top$  | _ |
| 36                | $\top$     | T            | T       | $\uparrow$ | 1  | T            | П               | $\Box$          | 7  |              | 86       |                 | $\neg$   | $\top$  |                 | 十        | _ _           | 1        |              |          | 136        | $\top$        |          | T            | 1            | П        | П        | $\dashv$  | _ |
| 37                | $\top$     | Т            | Τ       | 1          | 1  | $\top$       | П               | $\dashv$        | ՝  |              | 87       | $\sqcap$        | _        | 1   | $\sqcap$        | 7        | _             | 1        | ţz.          |          | 137        | $\top$        | 7        | 1            | П            | П        | $\Box$   | 寸   | _ |
| 38                | T          | T            | T       | 1          | 1  |              | П               | 一               | ୷୍   |              | 88       | $\Box$          | -        | 1   | $\sqcap$        | 7        | $\neg$        | T        | 3204         |          | 138        |               |          | 1            | Γ            | П        |          | $\top$  | _ |
| 39                | 1          | T            | T       | T          | 1  | 1            | П               | $\neg \uparrow$ | 75   |              | 89       | П               | $\neg$   | T   |                 | 十        | 1             | 1        | -1           |          | 139        |               |          | 1            |              |          |          | ╗   | _ |
| 40                |            | Τ            |         | $\top$     |    |              |                 |                 | <b>]</b>   | :[           | 90       |                 | $\Box$   |   |                 |          |               |          | 132          |          | 140        |               |          | Γ            |              |          |          |   | _ |
| 41                |            |              |         | Ι          | Τ  |              |                 |                 |  | :[           | 91       |                 |          | $\mathbf{I}^{-}$                                  |                 | T        | J             |          | Æ            |          | 141        |               |          | $\mathbf{L}$ | L            |          |          |   | _ |
| 42                |            | Ι            | Ι       | $\Gamma$   | Γ  | Ι            |                 |                 |  |              | 92       |                 |          |   |                 |          |               |          |              |          | 142        |               |          | Γ            |              |          |          | $\Box$  |   |
| 43                |            | $\mathbf{I}$ | Ι       | Ι          |    | Ι            |                 |                 |  |              | 93       |                 |          |   |                 | $\Box$   |               |          | 推进           |          | 143        |               |          | I            | $\Box$       |          |          |   |   |
| 44                |            | L            |         | oxdot      |    |              |                 |                 |  |              | 94       |                 |          |   | П               |          |               |          |              |          | 144        |               |          |              |              |          |          | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |   |
| 45                |            |              | Γ       | I          |    | $\Box$       |                 | $\Box$          | $\exists$  |              | 95       |                 |          | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | $\Box$          |          |               |          | Ħ            |          | 145        |               |          |              | 匚            |          |          |   | _ |
| 46                |            |              |         |            |    |              | $\Box$          | $\Box$          |  |              | 96       |                 |          |   |                 | $\perp$  |               |          |              |          | 146        |               |          | Ļ.           |              |          |          | $oldsymbol{\bot}$                                 | _ |
| 47                | L          |              |         |            |    |              |                 | $\Box$          |  |              | 97       | Ш               |          |   |                 |          |               |          |              |          | 147        |               | L        | Ĺ            | L            | $\Box$   |          | $oldsymbol{\bot}$                                 |   |
| 48                |            | 匚            |         |            |    |              |                 | I               |  | :            | 98       | $\Box$          |          |   | Ц               |          |               | 上        |              |          | 148        |               |          | L            | L            |          |          | $\bot$  |   |
| 49                |            |              |         |            |    |              | $\Box$          | $\Box$          |  |              | 99       | Ш               |          |   |                 |          | _ _           |          |              |          | 149        |               | $\perp$  | 1            | _            |          |          | $oldsymbol{\bot}$                                 |   |
| 50                | 1          | 1            | 1       | 1          | 1  |              | Π               | Т               |  | 4            | 100      | ıΤ              |          |   |                 |          |               | 1        | 15           |          | 150        | $\Box \Box$   |          |              |              |          | L I      | T   | _ |